

SYSTEM AND METHOD FOR ADAPTIVE DEEP-SLEEP SLOTTED OPERATION

ABSTRACT OF THE INVENTION

5 A system and method have been provided that permit a
mobile station to enter a deep-sleep slotted mode of operation in response
to detected patterns of low traffic communications. A record of traffic
communications is maintained at either the mobile station, or in the
wireless communications network. Analysis of the record indicates
10 whether the mobile station should be operated in the deep-sleep mode.
Then, the deep-sleep mode, with a larger period between control
messages, is negotiated. In some aspects of the invention, the period
between control messages is a function of the likelihood of a traffic
communication occurring.

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